



CLEANUP 2024 PROGRAM

Sunday, 15 September 2024	
8:00 - 17:00	Exhibition and Poster Display Bldg, Hall L
9:00 - 12:30	Workshop 1 City Room 1
	Advances in PFAS Analytical Chemistry, Data Interpretation, and Effective Management of PFAS in Groundwater
	Workshop 2 City Room 2
	Site Characterization, Mass Flux, Incremental Sampling Methodology, Artificial Intelligence in Site Cleanup, and Balancing Legacy and Emerging Contaminants in Site Cleanup
	Workshop 3 City Room 3
	Human Health Risk Assessment - the How to Guide
	Workshop 4 City Room 4
	Data and PFAS Analytics - AI Approach (Subject to Confirmation by Presenter)
	Workshop 5 Room 1A1
	Foster, Belter, Cheaper: Risk-Based Investigation and Remediation
13:30 - 17:00	Workshop 1 Continued City Room 1
	Advances in PFAS Analytical Chemistry, Data Interpretation, and Effective Management of PFAS in Groundwater
	Workshop 2 Continued City Room 2
	Site Characterization, Mass Flux, Incremental Sampling Methodology, Artificial Intelligence in Site Cleanup, and Balancing Legacy and Emerging Contaminants in Site Cleanup
	Workshop 3 Continued City Room 3
	Human Health Risk Assessment - the How to Guide
	Workshop 4 City Room 4
	ASbestos-in-Soil (ASINS) Master Class
18:00 - 18:00	Registration Foyer M
19:00 - 18:00	Speaker Support, Foyer M
17:30 - 18:30	Welcome drinks, Foyer M
Monday, 16 September 2024	
Exhibition and Poster Display Open, Hall L	
Speaker Support, Foyer M	
Registration Support, Foyer M	
OFFICIAL CONFERENCE OPENING	
8:45 - 9:00	Traditional Welcome to Country Ceremony
9:00 - 9:15	Official Conference Opening & Welcome
9:15 - 10:00	Commemorative Brian Robinson Lecture: One Planet, One Health: Uncovering the Impact of pollution from the soil to the soul Ms. Natalia Rodriguez Eugenia, Global Soil Partnership, Food and Agriculture Organization of the United Nations
10:00 - 10:15	Global Soil Partnership and its Technical Network in Tackling Soil Pollution Lorenzo Ustunov, Food and Agriculture Organization of the United Nations (FAO), Rome, Italy
10:15 - 10:45	Morning Tea and Poster Viewing - Hall L
CONCURRENT SESSION 1	
10:45 - 12:15	Session 1A PFAS Analytics Hall N
10:45 - 11:00	228 NONTARGET SCREENING FOR PFAS: A DETAILED LOOK BEHIND THE SCENES OF CONTAMINATED SITES, Prof. Christian Juewiler, University of Tuebingen
11:00 - 11:15	229 FATE AND TRANSPORT OF PFAS CONSIDERING BOTH PER- AND POLYFLUOROCARBON SUBSTANCES, FLUOROCARBON PHYSICAL CHEMISTRY AND MULTIPLE BULK USES, Dr Ian Ross, CDM Smith
11:15 - 11:30	47 NON-TARGETED SCREENING FOR PFAS USING DIRECT INFUSION ULTRAHIGH RESOLUTION FT/ICR MASS SPECTROMETRY, Robert Young, CSIRO
11:30 - 11:45	214 APPLICATIONS OF HIGH RESOLUTION MASS SPECTROMETRY IN PFAS ANALYSIS, Dr Jacob Jones, ALS Global
11:45 - 12:00	91 QUANTIFICATION OF PERFLUOROCARBON AND POLYFLUOROCARBON SUBSTITUTES (PFAS) CONCENTRATION IN ESTUARINE SYSTEMS: UNDERSTANDING THE INFLUENCING FACTORS, Mr Naveed Singh, AEC Consulting Group
12:00 - 12:15	13 CAPTURING FLUOROCARBON RADICALS DURING PFAS INCINERATION USING MOLECULAR-BEAM PYROLYSIS MASS SPECTROMETRY, Dr Weidong Lu, CSIRO
12:15 - 12:30	134 ENHANCING PFAS IMMOBILIZATION IN CONTAMINATED SOILS USING ACTIVATED CARBON AND GRASS UNDER SIMULATED RAINFALL, Mr Weibin Long, University of Adelaide
12:30 - 13:15	Lunch and Poster Viewing - Hall L
PLENARY SESSION 1	
13:15 - 14:00	13:15 - 14:00 Plenary Session 1: Theory-to-Practice: Soil Ecosystem Services for Delivering a Healthy Environment , Dr Brent Clothier, Principal Scientist, Plant & Food Research, New Zealand Life Cycle Management Centre, Massey University
14:00 - 14:00	Move to session rooms
CONCURRENT SESSION 2	
14:00 - 15:30	Session 2A PFAS Analytics Sponsored by 
14:00 - 14:20	153 YOUR LABORATORY'S REQUIREMENTS FOR PFAS ANALYSIS IN HEMP SKRAFT 3.0, Nathan Campbell, SGS Australia
14:20 - 14:35	160 PROGRESS IN MODELING PFAS PLUMES IN GROUNDWATER, Dr Charles Newell, GSI Environmental Inc.
14:35 - 14:50	245 EMERGING TRENDS IN PFAS ANALYSIS: FOCUS ON VOLATILE PFAS AND OTHER FLUORINATED COMPOUNDS, Dr Courtney Abner, Agher Technologies
14:50 - 15:05	291 A RIGOROUS APPROACH TO PFAS ANALYSIS IN SOLID SAMPLES, Mr Alex Kettle, University of Adelaide
15:05 - 15:30	64 DEVELOPMENT AND VALIDATION OF A DIFFUSION-BASED EQUILIBRIUM PASSIVE SAMPLER FOR PFAS DETECTION IN AQUATIC ENVIRONMENTS, Dr Brent Poutter, SREM
15:30 - 15:35	133 ANALYSIS OF PFAS IN AIR: VALIDATION & METHODOLOGY, Dr Andrew Wright, SGS Australia Pty Ltd
15:30 - 16:00	134 ADVANCED PREDICTION AND DETECTION OF PFAS IN GROUNDWATER USING ENHANCED CONVENTIONAL NEURAL NETWORKS (CONV-ENET) PROBLEM, Dr Richard Anderson, US Air Force Civil Engineer Center (AFCEC)
16:00 - 16:05	5 APPLYING STATE-OF-THE-ART PRACTICES TO DETERMINE THE PRESENCE AND TRANSPORT OF PFAS AT A FORMER AIR FORCE BASE, Mr Ryan Samuels, AECOM
16:05 - 16:10	177 USING THE HYDRAULIC PROFILING TOOL (HPT) TO INVESTIGATE GROUNDWATER FLOW PATTERNS AT A SITE WITH SALTWATER INFILTRATION, Hannah Bennett, GHD
16:05 - 16:20	218 ROOF PROTOME MODULATION REVEALS NOVEL INSIGHTS INTO CALCIUM TOLERANCE IN BRASSICA NAPUS, Dr Swapan Kumar Das, International University of Business Agriculture And Technology
16:20 - 16:35	223 TWO-STAGE SEQUENTIAL BIOREMEDIATION OF TANNERY WASTEWATER FOR SUSTAINABLE MANAGEMENT, Professor Piyush Mishra, University Of Jammu
16:35 - 16:45	81 OPTIMIZATION OF CEVYI REMOVAL FROM WASTE USING NANOCOMPOSITE: INSIGHTS FROM BOX-BEHIND DESIGN, Mr Gourav Mondal, Indian Statistical Institute
16:45 - 16:55	277 INSIGHTS INTO THE FERRATE-SULFITE SYSTEM FOR THE DEGRADATION OF POLYCYCLIC AROMATIC HYDROCARBONS, Pratik Prasad, Institute of Soil Science, Chinese Academy of Sciences
16:55 - 17:00	202 HIGH-BREED INJECTION OF ACTIVATED CARBON SLURRIES FOR IN-SITU REMEDIATION OF ORGANIC CONTAMINANTS: THE AUSTRALIAN EXPERIENCE, Alex Dudkowski, Legion Drilling
17:00 - 17:05	94 ADVANCEMENTS IN REDUCTIVE NANO-MATERIALS FOR REMEDIATION OF DIVERSE EMERGING AND PRIORITY POLLUTANTS: EFFECTS OF REACTIVE MATERIALS DELIVERED BY NAKAMARUO CO., LTD., HIROSHIMA, JAPAN, Dr. Rohit Singh, Hochschule Wernau, Wernau, Germany
17:05 - 17:10	256 SUSTAINABILITY AND REMEDIATION: THE HIDDEN COST OF GOING TOO FAR, Georgiotti Fabrizio, GHD
17:10 - 17:15	20 WASTE DERIVED FILL: WHAT ARE THEY AND WHEN COULD THEY BE APPLICABLE, Ms Kerry Kelli, Australian Environmental Authorities
17:15 - 17:20	140 THE IMPORTANCE OF CLIMATE TO REMEDIAL ACTIONS AND TECHNOLOGY PERFORMANCE FOR GROUNDWATER CLEANUP, Scott Warner, University of Newcastle, Australia BBU Group USA
17:20 - 17:30	121 AUSTRALIAN ENVIRONMENTAL PFA EXPOSURE IN 2024, Dr Mark Rowman, GHD
17:30 - 17:45	76 APPLICATION OF MULTI-INCREMENTAL SAMPLING METHODOLOGY FOR VALIDATION OF PFAS SOIL REMEDIATION, James Guzman, AECOM
17:45 - 17:55	72 PFAS AND WASTE WATER TREATMENT PLANTS - STRATEGIES FOR AN "END-OF-PYRE" PROBLEM, Dr Matthew Allred, AEC Consulting Group
17:55 - 18:05	21 THERMAL DESTRUCTION OF PFAS HEAD GROUP DEPENDENCE AND KINETIC TOLERANCE, Jens Böhnelig, CSIRO
18:05 - 18:10	241 MULTIPLE SOURCE EVALUATION FOR PFAS SUPPLEMENTED WITH EMERGING DIGITAL TOOLS, Tom Hewless, GHD
18:10 - 18:15	108 COMBINING HANDHELD XRF ANALYSIS AND ARCS FOR RISK EVALUATION AND REMEDIATION PLANNING AT AN ABANDONED MINING WASTE, Dr Liang Yuan, The University Of Newcastle
18:15 - 18:20	97 COMBINED REMEDIATION STRATEGIES FOR OIL AND HEAVY METAL CONTAMINATED SOILS, Dr Shoa Adebayo, University of Bolton
18:20 - 18:30	109 MAGNETIC HALLOYSITE AND ITS ARBOREL FOR SUSTAINABLE REMEDIATION OF CONTAMINANTS FROM WATER, Dr Amal Karthi, Dept. Institute of Leather Engineering and Technology, University of Dibrugarh
18:30 - 18:35	237 INNOVATIVE MOF-CHEMOSMOS INTEGRATION TO REDUCE MICROPLASTIC FOLLING IN FORWARD OSMOSIS MEMBRANES, Ms Mohammed Ediger, Edin Christy University
18:35 - 18:40	46 REMEDIABLE SENSING LAND MANAGEMENT SOLUTIONS, Amy Stepien, Stantec Australia
18:40 - 18:45	77 OPTIMIZATION OF A GROUNDWATER TREATMENT SYSTEM DURING COMMISSIONING, AS Risha, Aurion Waterside
18:45 - 18:50	127 EFFECTS OF MANAGEMENT PRACTICES ON SOIL ORGANIC CARBON DYNAMICS IN RANGE AND ECOSYSTEMS, Dr Samrat Bisoi, University of Newcastle
18:50 - 18:55	153 CLIMATE RESILIENCE IN CONTAMINATED SITES REMEDIATION, Mr Ivan Kovic, CDM Smith Australia
17:35 - 18:35	Breaks and Poster Session - Hall L Sponsored by 
18:45 - 18:50	Cleanup in the Pub

Sunday, 15 September 2024


Monday, 16 September 2024

Tuesday, 17 September 2024

Exhibition and Poster Displays Open, Hall 1	
Speaker Support, Foyer M	
Registration, Foyer A	

PLENARY SESSION 2	
Hall N	
8:00 - 8:15	Welcome Day 2
9:15 - 10:00	Plenary Session 2: Anything But PFAS - Professor Mark Taylor, Chief Environmental Scientist and Executive Director, EPA, Victoria
10:00 - 10:30	Morning Tea and Poster Viewing - Hall 1

CONCURRENT SESSION 4


Hall N	City Room 1	City Room 2	City Room 3	City Room 4
10:30 - 12:15	Session 4A PFAS Policy	Session 4B PFAS Remediation	Session 4C Diffuse pollution	Session 4D Recent Advances in Remediation Technologies
Sponsored by 				
10:30 - 10:45	75	149	254	57
10:45 - 11:00	149	254	57	114
11:00 - 11:15	63	93	141	189
11:15 - 11:30	248	125	227	145
11:30 - 11:45	151	24	80	204
11:45 - 12:00	134	224	167	200
12:00 - 12:15	281	257	10	235
12:15 - 12:15	Lunch and Poster Viewing - Hall 1			

CONCURRENT SESSION 5

Hall N	City Room 1	City Room 2	City Room 3	City Room 4
13:15 - 14:15	Session 5A PFAS Policy	Session 5B PFAS Remediation	Session 5C Diffuse pollution	Session 5D Mining and ESG
13:15 - 13:30	275	276	254	264
13:30 - 13:45	276	254	264	42
13:45 - 14:00	86	30	143	187
14:00 - 14:15	236	203	243	56
14:15 - 14:30	129	249	59	117
14:30 - 14:45	85	110	220	11
14:45 - 15:15	Afternoon Tea and Poster Viewing - Hall 1			

CONCURRENT SESSION 6

Hall N	City Room 1	City Room 2	City Room 3	City Room 4
15:15 - 17:00	Session 6A Mining and ESG	Session 6B PFAS Remediation	Session 6C ACLCA Session for Early Career Professionals	Session 6D Recently Emerged and Emerging Contaminants
15:15 - 15:30	84	267	24	106
15:30 - 15:45	114	30	204	210
15:45 - 16:00	87	27	214	201
16:00 - 16:15	275	48	26	260
16:15 - 16:30	190	49	34	198
16:30 - 16:45	203	61	40	52
16:45 - 17:00	112	16	69	138
18:30 - 19:00	Pre-dinner drinks			
19:00 - 23:30	 gala dinner - Panorama Ballroom			

Sponsored by 

Tuesday, 17 September 2024

Wednesday, 18 September 2024

Exhibition and Poster Displays Open, Hall 1	
Speaker Support Layer M	
Registration Layer M	

PLENARY SESSION 3

Hall M	
9:00 - 9:15	Welcome Day 3
9:15 - 10:00	Plenary Session 3: Plastics, Endocrine Disrupting Chemicals and Health: Effects on the Neuroendocrine System Marina Fernandez, PhD, Associate Researcher, The Instituto de Biología y Medicina Experimental, Argentina
10:00 - 10:30	Morning Tea and Poster Viewing - Hall 1

CONCURRENT SESSION 7

10:30 - 12:15	Session 7A PFAS Risk and toxicity	Session 7B PFAS Biosolid	Session 7C Legacy Contaminants	Session 7D Recently Emerged and Emerging Contaminants	Session 7E One health and communication
Hall N	City Room 1	City Room 2	City Room 3	City Room 4	
10:30 - 10:45	194 RISK-BASED BENCHMARKS AND OTHER CONSIDERATIONS FOR ECOLOGICAL RISK ASSESSMENT OF PFAS, Greg Conway, CSR Environment	290 UNDERSTANDING AND MANAGEMENT OF PER AND POLYFLUORINATED SUBSTANCES (PFAS) IN BIOSOLIDS, Distinguished Professor Andrew Boll, RMIT University	291 HALF A CENTURY OF SLOWDOWN PROGRESS ON RISK BASED REMEDIATION - LESSONS AND OPPORTUNITIES TO ACCELERATE, Poul Hoffstrand, Land Quality Management Ltd Nottingham	82 CHARACTERISATION AND ECOLOGICAL RISK ASSESSMENT OF MICROPLASTICS IN SEDIMENTS OF A TROPICAL WEST AFRICAN LAGOON ECOSYSTEM, Professor Lucien Chikwue, University of Lagos, Lagos - Nigeria	240 EFFECTIVE COMMUNICATION OF RISK - TO COMMUNITIES AFFECTED BY SOIL CONTAMINATION, Inkeela Srinivas ANANDORE
10:45 - 11:00					
11:00 - 11:15	291 EMERGING CONTAMINANTS IN WASTE INDUSTRY: CHALLENGES AND SOLUTIONS, Gus Martin, HUBER Australia	120 PFAS IN BIOSOLIDS: TRANSFER TO SOIL AND CROPS PRESENTS RISKS TO CONSUMERS OF BEEF AND MILK, Summer Sheehs, Minnesota Pollution Control Agency	44 FROZEN IN TIME DETECTING LEGACY HYDROCARBON CONTAMINATION USING PASSIVE SOIL GAS SAMPLING AT WILKES STATION, EAST ANTARCTICA, Kathryn East, Australian Antarctic Division	79 ADVANCED MATERIALS AND MEMBRANES FOR ENHANCED MICROPLASTIC NANOCARBONIC AND DYEING/STAINING RESISTANCE, Dr Moussineh Begg, Edith Cowan University	70 DEVELOPING FRAMEWORKS THAT SUPPORT COMMUNICATION OF INDOOR AIR RISK AND RESPONSE, Mei Karliana, Jacobs
11:15 - 11:30	134 ADDRESSING PFAS CHALLENGES IN WATER: VEDUA RETURN OF EXPERIENCE IN NORTH AMERICA AND AUSTRALIA, M Matt Edd, Veolia		203 ARSENIC OXIDATION AND REMOVAL FROM WATER VIA CORE-SHELL MINORALIZED NANOCOMPOSITE ADSORPTION, Dr. Yulong Wang, The University of Newcastle	100 OCCURRENCE AND DISTRIBUTION OF MICROPLASTIC POLLUTION IN PEATLAND AREAL, Dr. Ngoc Son Hai Nguyen, Thai Nguyen University Of Agriculture And Forestry (Thu), Vietnam	174 THE ART OF COMMUNICATING RISKS TO COMMUNITY: STRATEGIES FOR TECHNICAL PROFESSIONALS, Costa Pignatelli, GHF Pty Ltd
11:30 - 11:45	144 FERRIC HYDROXIDE TRANSITION - ARE WE DONE YET? STATUS AND STATE OF THE ART, Peter Starck, Arcadis Australia Pacific	283 EXPLORING THE FATE OF PFAS IN BIOSOLIDS PYROLYSIS THROUGH PYROCO PILOT PLANT, Around Supponen, RMT University	244 POTENTIAL OF BIURBINS FROM THE MINERALOGICAL TRANSFORMATION OF MOST USED ASBESTOS, Ghish Chappalia, GC&B	101 MACHINE LEARNING APPROACHES FOR PREDICTING MICROPLASTIC POLLUTION IN PEATLAND AREAL, Dr. Hieu Tran Tran, Thai Nguyen University Of Agriculture And Forestry (Thu), Vietnam	297 ASSESSING THE IMPACT OF HEAVY CHEMICAL FERTILIZER USE ON SOIL HEALTH IN CAMEROON, Ndabano Georges Markfo, University of Douala
11:45 - 12:00	174 INVESTIGATING THE TOXICITY OF PERFLUOROCARBOXYLIC ACID (PFCA) ON GROUNDWATER ECOSYSTEMS AND AMPHIBIOLS, Dr M.A. Ayarso Wajayawardana, The University of Newcastle and CRCcare		28 TOWARDS A RISK-BASED APPROACH TO THE TRANSPORT OF SOIL CONTAMINATING ASBESTOS, Simon Mason, Agon Environmental	124 CARBONANTRACENE AND ELEMENTAL CONCENTRATION IN EFFLUENT WATER OF WASTEWATER TREATMENT PLANTS THAT ITS IN RECENT EMERGED AND EMERGING CONTAMINANT (DETRIS), Kenneth Sagon, Department Of Marine And Environmental Sciences	296 HEAVY METAL IN INDOONESIAN PADDY SOILS: STATUS AND IMPLICATION TO ONE HEALTH, Yti Sutarnoto, National Research and Innovation Agency
12:00 - 12:15	131 KEY PFAS LAND USES IN THE YANGTZE RIVER DELTA OF CHINA: IMPLICATIONS FOR ENVIRONMENTAL MANAGEMENT PRIORITIES, Dr. Yuanyuan Cheng, Suzhou University of Science and Technology	107 PFAS IN BIOSOLIDS - IS EVERYONE MEASURING THE SAME THING? INSIGHTS FROM A PROFICIENCY TESTING STUDY, Mss Lumirika Anin, National Measurement Institute	192 BIOACCESSIBILITY AND HEALTH RISK ASSESSMENT OF ARSENIC IN CHILDREN'S TEETH FROM ARSENIC ENRICHED AREA IN BANGLADESH, Ajoyol Mohammad Mahmudul Rahman, The University of Newcastle	168 DISTRIBUTION AND RISK ASSESSMENT OF MICROPLASTICS IN AGRICULTURAL SOILS, Ms Karthika Sangalakra, Tamil Nadu Agricultural University	256 EFFECTIVE RISK COMMUNICATION: WHAT DOES IT TAKE?, Dr Kate Hughes, Ecology Data Bank Services

Lunch and Poster Viewing - Hall 1

CONCURRENT SESSION 8

13:30 - 15:00	Session 8A PFAS Risk and toxicity	Session 8B Waste and Circular economy	Session 8C Legacy Contaminants	Session 8D Recently Emerged and Emerging Contaminants	Session 8E Risk Characterisation including Bio Availability
Hall N	City Room 1	City Room 2	City Room 3	City Room 4	
13:30 - 13:45	298 USE OF RISK-BASED SAMPLING METHODS AND "TOTAL PFAS RISK" TO EXPEDITE ASSESSMENT AND REMEDIATION OF PFAS-CONTAMINATED SITES, Roger Brewer, Howard Department Of Health	299 WHAT'S UBIQUITOUS AND OPAQUE? A DISCUSSION OF CIRCULAR ECONOMY, ESG AND WASTE, Nate Smith, Telus Holding Group	175 MANAGING PERSISTENT ORGANIC POLLUTANTS (POP), LEGACY POPs, EMERGING CHEMICALS, PLASTICS, AND HOUSEHOLD DIRTY DOZEN, Prof Ming Hung Wong, The Education University of Hong Kong	247 LIVING WITH CHEMICALS: UNDERSTANDING THE SOURCES AND RISK FROM CONTAMINANTS IN HOMES AND GARDENS, Kara Fry, Environment Protection Authority Victoria	119 MINNESOTA APPROACH TO DERIVATION OF PFAS CRITERIA FOR THE PROTECTION OF HUMAN HEALTH, Summer Sheehs, Minnesota Pollution Control Agency
13:45 - 14:00	274 ADDRESSING KEY UNCERTAINTIES IN RISK ASSESSMENT THROUGH THE LATEST SAMPLING AND ANALYTICAL METHODS FOR CONCRETE IMPACTED BY PFAS AT FIRE TRAINING AREAS, Mr Gerard Gerrard, ALS	230 ESTABLISHING BASELINE CONTAMINATION OF MICROPLASTICS IN ORGANIC WASTES, Dr Mike Williams, Cato	99 DEVELOPMENT OF AN ADAPTIVE FRAMEWORK FOR OPTIMIZING BIOREMEDIATION IMPLEMENTATION AT A FRACTURED BEDROCK CHLORINATED SOLVENT ONAFL SITE, Dr Andrew Ikin, Geolytic	213 EXTRACTION OF GLYPHOSATE AND AMINOMETHYLPHOSPHONIC ACID FROM CONTAMINATED AUSTRALIAN SOILS - Miss Wanzhen P. Wenfeng, GC&B, University of Newcastle	25 THIRSTY WORK: CLIMATE-DEPENDENT STOCK WATER SCREENING LEVELS FOR THE BROAD PFAS FAMILY, Kate Richardson, Servintec
14:00 - 14:15	90 ASSESSING THE DISTRIBUTION AND ENVIRONMENTAL RISK OF PFAS AT A HISTORICAL CONCRETE PAD, Dr Matthew Aikaterin, Ada Consulting Group Pty Ltd	33 TOWARDS SUSTAINABLE WASTE MANAGEMENT: UNDERSTANDING HEAVY METAL ENRICHMENT IN MSW BOTTOM ASH, Msc Thomas Kemnicka, Montanuniversität Leoben	83 OPTIMIZING CHEMICAL FIXATION TECHNIQUES FOR EFFECTIVE LEAD IMMOBILIZATION IN GARBAGE WASTE, Miss Emily Bloomfield, Veolia Environmental Services	15 MICRO/NANOPLASTICS IN OUR DAILY LIVES, Cheng Fang, Uon	98 MEASURING THE IMPACT OF BIO-ACCESSIBLE PFAS ON COOKED RICE FROM CHINA: ARE BIO-ACCESSIBLE PFAS MORE CONTAMINATED SOIL PREDICTING ANTHROPOGENIC AND DIETARY RISK BY EMPLOYING MODELS, Ms SONALI BANERJEE, Indian Statistical Institute
14:15 - 14:30	18 REDUCING PFAS LOADS IN STORMWATER AT A FUEL TERMINAL, M Stuart Dehnen, Aurecon	173 CLOSING THE LOOP ON NAPPEL: AN AUSSE TRIAL, Dr Anu Kumar Chakr, C&B	189 CO-SORPTION OF ANTIMONY AND METALS ONTO IRON MINERALS, Ms Bilde Chelidon, Gcer	216 ASSESSING THE RISK OF CONTAMINANTS OF EMERGING CONCERN IN WASTEWATER USING EFFECTS-BASED METHODS, Hung Ton, EPA Victoria	143 ASSESSING PFAS RISK FROM SITE SOURCES - A MASS FLUX APPROACH COMPARED TO BOTA CONCENTRATION DATA, Kathleen Prohasky, ERM Australia Pty Ltd
14:30 - 14:45	293 BIOAVAILABILITY OF PFOS, PFMS AND PFOs IN SOIL: METHOD DEVELOPMENT AND RECOMMENDATIONS IN IVVO STUDY, Luchun Duan, University of Newcastle	34 SELECTIVE GENERATION OF PHYSICAL SEPARATION TRAYS FOR PROCESSING MATERIAL FROM LANDFILL, Dag-Ing Prof Demtchak, Montanuniversität Leoben	22 ADVANCES IN THE CHARACTERISATION AND REMEDIATION OF URANIUM-CONTAMINATED SITES: INSIGHTS FROM A COLLABORATIVE EFFORT, Dr Junda Garcia-Ricoán, Legion Dilling	304 QUANTITATIVE ANALYSIS OF FIVE PESTICIDES TO DETERMINE THEIR PRESHARVEST INTERVAL IN BANGLA DESH: COCRO, Mrs Yvonne Lokshani, University of Newcastle	149 VAPOR INTRUSION RISK ASSESSMENT - DO YOU HAVE THE RIGHT DATA?, Mr Ken Kiefer, ERM
14:45 - 15:00	301 DYNAMICS OF FIBRE- AND POLYFLUOROCARBYL SUBSTANCES (PFAS) AND EXPOSURE PATHWAYS IN AIR IMPACTED WINDING SITES OF WESTERN AUSTRALIA, Fergal QL University of Newcastle	44 OUTCOMES-BASED FINANCING FOR PLASTIC WASTE MANAGEMENT, Mr Steve Madson, Plastic Collective	144 ASBESTOS IN THE SOUTH PACIFIC: CLEAN-UP AND RISKS DURING NATURAL DISASTERS, Mr Avin Choudh, The University of the South Pacific	248 EMERGING CONTAMINANTS IN CROPS IRRIGATED BY RECYCLED WASTEWATER, Dr Sijulj, CSIRO	304 SOIL BIOAVAILABILITY - THE MISSING (BUT POWERFUL) STEP, Dr Bethinda Godwinworthy, arR&B

Afternoon Tea and Poster Viewing - Hall 1

PLENARY SESSION 4

Hall N	
15:30 - 16:15	Plenary Session: Preventing and managing soil contamination: the EU approach Dr Boyo Paetzles Policy officer - Soil Team Directorate-General for Environment of the European Commission, Brussels (Virtual)
16:15 - 16:45	Conference Closing Award Presentations, Delegate Prize Announcements, Closing remarks

Thursday, 19 September 2024

9:00 - 10:30	Technical tour departing from West entrance of Adelaide Convention Centre (Meet at 9:00am for a 10:00am departure)	
11:00 - 12:30		
13:30 - 15:00	PFAS Research Symposium (invite only) City Room 1-3	
15:30 - 17:00		

Wednesday, 18 September 2024

Thursday, 19 September 2024

POSTER PRESENTATIONS

7	P1	ECO-TECHNOLOGICAL APPROACHES BY FREE-FLOATING PLANTS AND MICROBIAL ELECTROCHEMICAL PROCESSES FOR THE SUSTAINABLE BIOREMOVAL OF POLLUTANTS AND RECOVERY OF NUTRIENTS FROM WASTEWATER, Dr. Usharani Rathinam Krishnaswamy, Department of Civil & Environmental Engineering, UNESP, Sao Paulo State University, Bauru, SP, Brazil
12	P2	EXPLORING THE ECOLOGICAL RISK FOR METAL CONTAMINATION IN SEDIMENTS THROUGH THE APPLICATION OF DGT TECHNIQUE, Ms. Liang-Li Chang, Apollo Technology Co., Ltd.
17	P3	TANTALUM-BASED METAL OXIDES FOR THE PHOTOCATALYTIC DEGRADATION OF PFAS, Miss Rachael Matthews, The University Of Adelaide
19	P4	HUNTING THE SOURCE, Brad Dermody, Aurora Environmental
23	P5	INVESTIGATION OF MOBILE, RESIDUAL, AND ENTRAPPED LNAPL USING LASER-INDUCED FLUORESCENCE AS A LINE OF EVIDENCE, Dr Jonás García-Rincón, Legion Drilling
35	P6	OBSERVATIONS ON THE ROAD TO ENHANCING NSZD AT A PETROLEUM PIPELINE RELEASE SITE, Matt Rousseau, GHD
37	P7	DEGRADATION OF PER- AND POLYFLUOROALKYL SUBSTANCE (PFAS) IN AQUEOUS FILM FORMING FOAM (AFFF) AND FOAM FRACTIONATE BY ULTRASOUND., Mr Olalekan Simon Awoyemi, Gcer, University Of Newcastle
38	P8	ULTRASONIC DEFLUORINATION OF PFAS: EFFICIENCY VERSUS ABSOLUTE AMOUNT, Mr Olalekan Simon Awoyemi, Gcer, University Of Newcastle
43	P9	PFAS ANALYSIS ON THE SCIEX 7500 SYSTEM: 15 MONTHS OF ROBUSTNESS DATA, Dr Charlie Liu, SCIEX
45	P10	PEOPLE AND PFAS: QUANTITATION IN HUMAN SERUM AND BLOOD USING VOLUMETRIC ABSORPTIVE MICROSAMPLING (VAMS), Dr Charlie Liu, SCIEX
51	P11	LEAD ABATEMENT AND ISOLATION IN VULNERABLE COMMUNITIES, Dr Henry Ellis, EnviroPacific
54	P12	DETERMINING THE SOURCE OF ODOUR FROM A STORMWATER DISCHARGE USING MULTIPLE LINES OF EVIDENCE APPROACH, Mr. Roderick Zhang, WSP Australia
68	P13	SOLID ORGANIC ACID DELIMITING TO REDUCE NITROGENOUS COMPOUND IN TANNERY WASTEWATER, Ms. Sakina Islam, Khulna University of Engineering & Technology
72	P14	MANAGING THE RISK OF SAMPLING PFAS AT A CHLORINATED HYDROCARBON SITE, Sid Park, Jacobs
74	P15	SC-PFAS REMOVAL BY CATIONIC FUNCTIONALISED FLAX, Miss Shailja Data, University of Auckland
75	P16	REINFORCING THE NEED FOR A MIXED-GAS APPROACH TO OPTIMISE PFAS REMOVAL EFFICIENCY IN FOAM FRACTIONATION, Mr Justin Baulch, Evocra Pty Ltd
93	P17	MAKE YOUR OWN SUSTAINABLE AND GREEN LAB GRADE NITROGEN GAS, Dr Nicole Pendini, Peak Scientific
102	P18	FARMERS' PERCEPTION REGARDING GREENHOUSE GAS EMISSIONS FROM RICE CULTIVATION IN BANGLADESH AND MITIGATION POTENTIAL, Mr Md Maruf BILLAH, Global Centre For Environmental Remediation
105	P19	STABILIZATION AND REDUCTION OF THE SHORT- AND LONG-CHAIN PER- AND POLY-FLUOROALKYL SUBSTANCES IN CONTAMINATED SOIL, Dr Rahim Shahrokhi, Seoul National University
103	P20	SOIL VAPOUR CONCENTRATION PROFILING TO IDENTIFY CONTAMINANT SOURCE ZONES USING THE NEW HEADSPACE-IN-VIAL SAMPLING & ANALYSIS METHOD, Mr Adrian Heggie, WSP Australia
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